

THE CLAIMS

5 What is claimed is:

1. A method for conducting capillary zone electrophoresis in a capillary, the method comprising:

adding sodium dodecylsulfate (SDS) to a first sample to be electrophoresed; and
applying a first voltage differential across ends of said capillary to cause said first
sample to migrate in a medium suitable for capillary zone electrophoresis.

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2. The method of claim 1, wherein a concentration of SDS is below its critical
micelle concentration of 8 mM.

15 3. A method for conducting capillary zone electrophoresis in a capillary, the method comprising:

adding sodium dodecylsulfate (SDS) to a first sample to be electrophoresed;
applying a first voltage differential across ends of said capillary to cause said first
sample to migrate in a medium suitable for capillary zone electrophoresis;

20 rinsing the capillary with a buffer;
adding SDS to a second sample to be electrophoresed; and
applying a second voltage differential across ends of said capillary to cause said
second sample to migrate,
without rinsing the capillary with NaOH between application of said first and second
voltage differentials.

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30 4. A method for conducting capillary zone electrophoresis in a capillary having first
and second ends, the method comprising:

providing a sodium dodecylsulfate (SDS)-containing buffer for receiving the first end
of the capillary;
applying a first voltage differential across the first and second ends to cause a first
sample in said capillary to migrate in a medium suitable for capillary zone electrophoresis.